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<210> 2
<211> 10
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: ZFP target site
      with two overlapping D-able subsites
<220>
<221> modified_base
<222> (1)..(2)
<223> n = g, a, c or t
<220>
<221> modified_base
<222> (5)
<223> n = g, a, c or t
<220>
<221> modified_base
<222> (8)
<223> n = g, a, c or t
<220>
<221> modified_base
<222> (9)
<223> n = a, c or t; if g, then position 10 cannot be g
      or t
<400> 2
nngkngknnn
                                                                    10
<210> 3
<211> 10
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: ZFP target site
      with three overlapping D-able subsites
<220>
<221> modified_base
<222> (1)..(2)
<223> n = g, a, c or t
<220>
<221> modified_base
<222> (5)
<223> n = g, a, c or t
<220>
<221> modified_base
<222> (8)
<223> n = g, a, c or t
<400> 3
nngkngkngk
                                                                    10
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<211> 5
<212> PRT
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence:linker
<400> 4
Asp Gly Gly Ser
<210> 5
<211> 5
<212> PRT
<213> Artificial Sequence
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<400> 5
Thr Gly Glu Lys Pro
<210> 6
<211> 9
<212> PRT
<213> Artificial Sequence
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<400> 6
Leu Arg Gln Lys Asp Gly Glu Arg Pro
<210> 7
<211> 4
<212> PRT
<213> Artificial Sequence
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<400> 7
Gly Gly Arg Arg
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<210> 8
<211> 5
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<213> Artificial Sequence
<223> Description of Artificial Sequence:linker
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Gly Gly Gly Ser
<210> 9
<211> 8
<212> PRT
<213> Artificial Sequence
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Gly Gly Arg Arg Gly Gly Ser
<210> 10
<211> 9
<212> PRT
<213> Artificial Sequence
<223> Description of Artificial Sequence:linker
<400> 10
Leu Arg Gln Arg Asp Gly Glu Arg Pro
<210> 11
<211> 12
<212> PRT
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<223> Description of Artificial Sequence:linker
<400> 11
Leu Arg Gln Lys Asp Gly Gly Gly Ser Glu Arg Pro
<210> 12
<211> 16
<212> PRT
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence:linker
Leu Arg Gln Lys Asp Gly Gly Gly Ser Gly Gly Ser Glu Arg Pro
<210> 13
<211> 97
<212> PRT
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	0> 1 Pro		Lys	Lys 5	Lys	Gln	His	Ile	Cys 10	His	Ile	Gln	Gly	Cys 15	Gly	
Lys	Val	Туr	Gly 20		His	Asp	Thr	Val 25	Val	Gly	His	Leu	Arg 30		His	
Thr	Gly	Glu 35	Arg	Pro	Phe	Met	Cys 40	Thr	Trp	Ser	Tyr	Cys 45	Gly	Lys	Arg	
Phe	Thr 50	Ala	Ala	Asp	Glu	Val 55	Gly	Leu	His	Lys	Arg 60	Thr	His	Thr	Gly	
Glu 65	Lys	Lys	Phe	Ala	Cys 70	Pro	Glu	Cys	Pro	Lys 75	Arg	Phe	Met	Leu	Val 80	
Val	Ala	Thr	Gln	Leu 85	His	Ile	Lys	Thr	His 90	Gln	Asn	Lys	Lys	Gly 95	Gly	
Ser																
<22 <22	3> De	onst	ruct	on of (fro	om Kr	onI t	to Ba	amHI)	tar	e:des	signe ing 9	ed Zi 9-ba:	FP se			
<222 <400 g gi	0> 1> CI 2> (2 0> 14	os 2)	(292) gc aa) ag aa	ag aa	ag ca	ag ca	ac at	ic to	jc ca rs Hi	ac at İs Il	ic ca	ag gg In Gl	ra cz	gt ggt ys Gly	
aaa	gtt	tac	ggc	cgc	tcc	gac	aac	ctg	acc	cac	cac	ctg	cgc	taa	.5 cac	
гуѕ	Val	туr	Gly 20	Arg	Ser	Asp	Asn	Leu 25	Thr	Arg	His	Leu	Arg 30	Trp	His	
acc Thr	ggc Gly	gag Glu 35	agg Arg	cct Pro	ttc Phe	atg Met	tgt Cys 40	aca Thr	tgg Trp	tcc Ser	tac Tyr	tgt Cys 45	ggt Gly	aaa Lys	cgc Arg	
ttc Phe	acc Thr 50	aac Asn	cgc Arg	gac Asp	acc Thr	ctg Leu	gcc Ala	cgc Arg	cac His	aag Lys	cgt Arg	acc Thr	cac His	acc Thr	ggt Gly	

gag aag aaa ttt gct tgt ccg gaa tgt ccg aag cgc ttc atg cgc tcc 241 Glu Lys Lys Phe Ala Cys Pro Glu Cys Pro Lys Arg Phe Met Arg Ser 70 gac cac ctg tcc aag cac atc aag acc cac cag aac aag aag ggt gga 289 Asp His Leu Ser Lys His Ile Lys Thr His Gln Asn Lys Lys Gly Gly 85 90 tcc 292 Ser <210> 15 <211> 97 <212> PRT <213> Artificial Sequence <223> Description of Artificial Sequence: designed ZFP construct (from KpnI to BamHI) targeting 9-base pair target site in VEGF promoter <400> 15 Val Pro Gly Lys Lys Gln His Ile Cys His Ile Gln Gly Cys Gly Lys Val Tyr Gly Arg Ser Asp Asn Leu Thr Arg His Leu Arg Trp His Thr Gly Glu Arg Pro Phe Met Cys Thr Trp Ser Tyr Cys Gly Lys Arg Phe Thr Asn Arg Asp Thr Leu Ala Arg His Lys Arg Thr His Thr Gly 50 Glu Lys Lys Phe Ala Cys Pro Glu Cys Pro Lys Arg Phe Met Arg Ser Asp His Leu Ser Lys His Ile Lys Thr His Gln Asn Lys Lys Gly Gly Ser <210> 16 <211> 25 <212> DNA <213> Artificial Sequence <223> Description of Artificial Sequence: PCR primer hVEGFU1 <400> 16 gaattctgtg ccctcactcc cctgg 25 <210> 17 <211> 25

<212> DNA

<213> Artificial Sequence	
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<210> 18 <211> 25 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: PCR primer hVEHFU2	
<400> 18 acacaccttg ctgggtacca ccatg	25
<210> 19 <211> 26 <212> DNA <213> Artificial Sequence	
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<400> 19 gcagaaagtc catggtttcg gaggcc	26
<210> 20 <211> 25 <212> DNA <213> Artificial Sequence	
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<210> 21 <211> 25 <212> DNA <213> Artificial Sequence	
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<210><211><212><213>	38	
<220> <223>	Description of Artificial Sequence: PCR primer mVEGF	
<400> gcccc	22 cattg gtaccctggc ttcagttccc tggcaaca	38
<210> <211> <212> <213>	26	
<220> <223>	Description of Artificial Sequence: PCR primer VEGFD	
<400> gcagaa	23 aagtc catggtttcg gaggcc	26

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